

# PATENT ABSTRACTS OF JAPAN

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## (54) METHOD FOR PROGNOSTICALLY INSPECTING PULMONARY CANCER

### (57)Abstract:

PROBLEM TO BE SOLVED: To provide a method for prognostically inspecting a pulmonary cancer patient and an inspecting reagent.

SOLUTION: The method for prognostically inspecting a pulmonary cancer comprises the steps of reacting an MUC1 mutin solidified to a solid phase with a specimen sample, then removing a nonreactive substance by cleaning, reacting the obtained reactive substance with a labeled anti-human IgG antibody, thereafter, removing the not bonded excess labeled anti-human IgG antibody by cleaning, and measuring the bonded labeled anti-human IgG antibody amount to determine an anti-MUC1 mutin self-antibody amount in the sample, thereby prognostically inspecting a pulmonary cancer patient. In this case, patient's anti-MUC1 mutin self-antibody amount is compared with that of a normal person, and is significantly lowered.